

**ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT
CROSSING DATA FORM**

GENERAL INFORMATION: See Location Sketch

RAILROAD	Canadian National/Illinois Central Railroad Company
USDOT#, MILEPOST	288 295G, 67.40-M
STREET, CITY, COUNTY	CH29/3100N, 1 mile north of Clifton, Iroquois County
JURISDICTION (RDWY)	Iroquois County
LOCATION	Rural, Agricultural
STREET SURFACE	2-Lane, 2-Way, 18 Foot Wide, Oil and Chip

CROSSING DATA: Also see Location Sketch for roadway profile and track centers

TRACK	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
Main	Sectional Timber	31 Feet	

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	1100E/Old Illinois Route 45 (North-South) – 103 Feet East 1090E (North Only) – 140 Feet West
TRAFFIC CONTROL	1100E – Stop for 3100N Traffic 1090E – Stop for 1090E Traffic
ADT & SPEED	100 Vehicles Per Day (Speed Not Posted)
TRAFFIC TYPE	Passenger, Possible School Busses, Possible Hazardous Materials, Possible Emergency Vehicles
ADVANCE WARNING	East and West
PAVEMENT MARKING	None

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	32 Per day @ 60 MPH, 3 Switch Movements, Day & Night Traffic
PASSENGER TRAFFIC	4 Per day @ 79 MPH
WARNING DEVICES	Automatic Flashing Light Signals and Gates (AFLS&G), Reflective Crossbucks, Bell (NE), Additional Signage: CAUTION 55 FT BETWEEN TRACKS AND HIGHWAY DO NOT STOP ON TRACKS

NOTES:

VISIBILITY STUDY: See Location Sketch

Train Speed	79	MPH
Roadway Speed	55 (Assumed)	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	483	FEET
Along Tracks	811	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	1888	FEET

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 2001, Fourth Edition.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	*		*	
NW	*		*	
SE	*		*	
SW	*		*	

*Note: Automatic flashing light signals and gates (AFLS&G) eliminate the need to satisfy minimum Site Distance criteria.

APPROACH GRADES: See Location Sketch

DIRECTION: WEST			DIRECTION: EAST		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
0	100.0	---	0	100.0	---
25	99.7	-1.2	25	99.6	-1.6
50	99.3	-1.6	50	99.3	-1.2
100	98.2	-2.2	100	99.1	-0.4

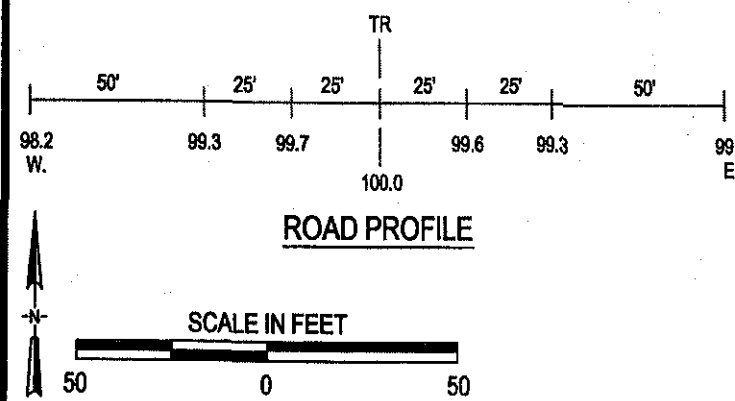
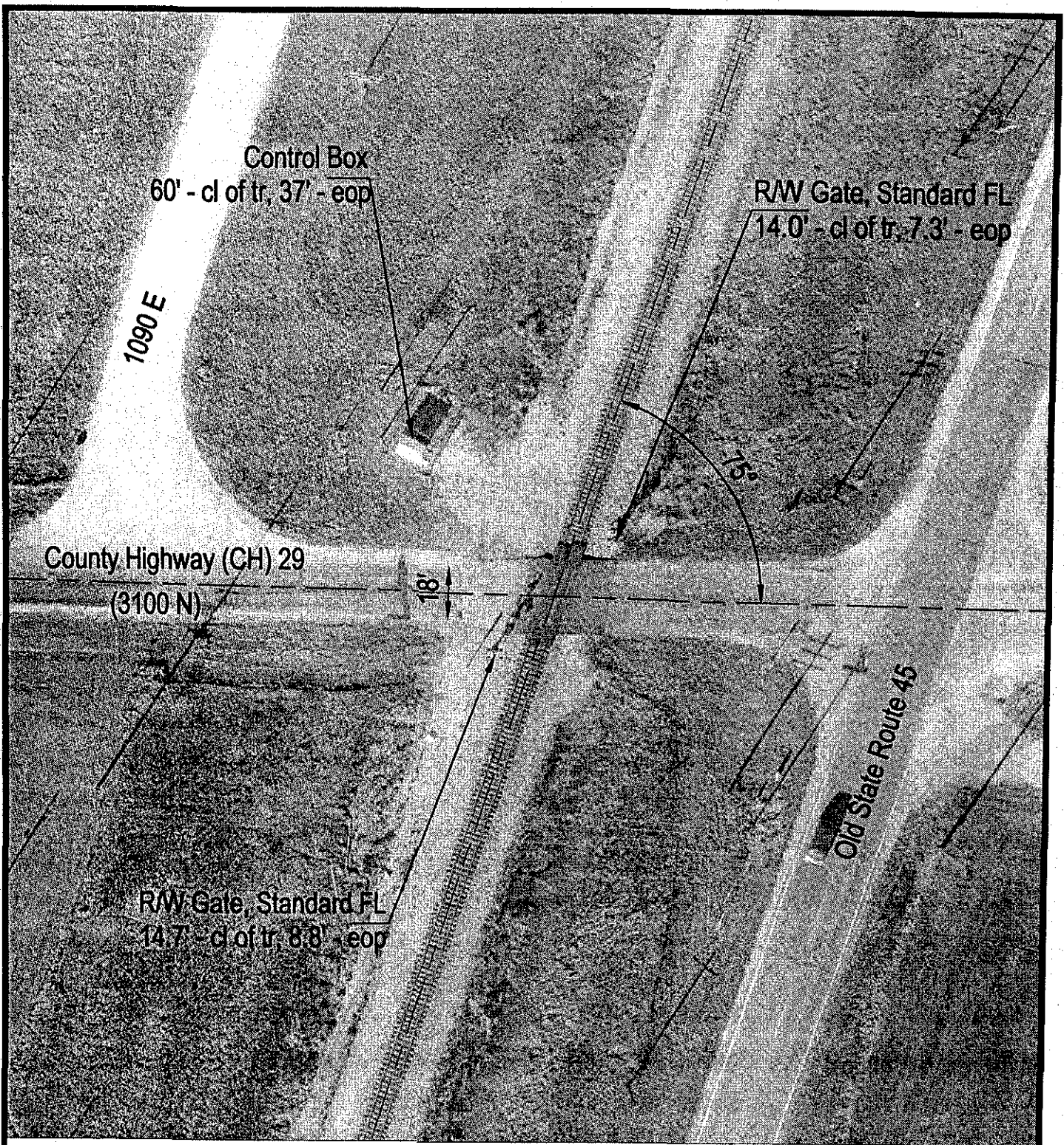
Distance measured from outermost rail.

COMMENTS:

Approach grades are within acceptable limits.

PROPOSED COST DIVISION:

Grade Crossing Protection Fund	-	50%
Illinois Central Railroad Company	-	50%



Crossing #: 288965G
 Location: Iroquois Co., City of Clifton (N)
 Lat/Long: 40°57'30" / 87°55'33"
 Railroad: Illinois Central Railroad Company
 Street: Central School Road (3100 N/CH29)
 Railroad Milepost: 67.40-M
 Crossing Protection: Train Activated Devices

ILLINOIS CENTRAL RAILROAD
ENGINEERING DEPARTMENT
SIGNALS AND COMMUNICATIONS

Clifton, IL

Est 1007-301

Estimated cost of Signal work to upgrade control circuits and warning
devices at CH 29. **288 965 G**

Gulf Division

Val Sec IL-1

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
=====				
FAPG				

INSULATED JOINT	2.	EACH @	250.00	500.00
LANDFILL	1.	LOT @	700.00	700.00
MISC.SIGNAL MATERIAL	1.	L.S. @	400.00	400.00
<u>CROSSING MATERIALS PACKAGE</u>				
GCP3000,80200-112-IPI	1.	EACH @	13216.00	13216.00
SERIAL EVENT ANALYZER/REC	1.	EACH @	2035.00	2035.00
RECORDER INTERFACE,80255	1.	EACH @	153.00	153.00
NARROW BAND SHUNT,62775-8621	2.	EACH @	640.00	1280.00
XING CTRLR,91160	1.	EACH @	2300.00	2300.00
BIDIR SIMULATOR,62664-156	2.	EACH @	871.00	1742.00
PSO BATTERY CHOKE,7A360	2.	EACH @	248.00	496.00
RELAY,ST,500 OHM,400004	2.	EACH @	566.00	1132.00
RECTIFIER,NRS15110,20A	2.	EACH @	455.00	910.00
RECTIFIER,NRS18120,40A	1.	EACH @	695.00	695.00
SURGE PROTECTION	1.	LOT @	850.00	850.00
SWING RACK,T12757	1.	EACH @	510.00	510.00
EQUIPMENT RACK,23"	1.	EACH @	237.00	237.00
EQUIPMENT RACK,19"	1.	EACH @	595.00	595.00
GATE MECHANISM,S-40	2.	EACH @	5540.00	11080.00
ARM,EZ GATE,16-24'	2.	EACH @	721.00	1442.00
GATEKEEPER,SK-1000	2.	EACH @	1970.00	3940.00
BELL,ELECTRONIC	1.	EACH @	234.00	234.00
BATTERY,GNB 265AH	19.	EACH @	217.00	4123.00
FOUNDATION,S2 4FT-6IN HI	1.	EACH @	399.00	399.00
SHUNT BURIAL BOX	2.	EACH @	220.00	440.00
ELECTROCODE 4+,PROG EC_216	1.	EACH @	6000.00	6000.00
MAST & LADDER ASSY,2-WAY	1.	EACH @	2800.00	2800.00

Clifton, IL

Est 1007-301

CROSSING MATERIALS PACKAGE (CONT'D)

COLORLIGHT SIGNAL, CLS-20, 3 POS	2. EACH @	855.00	1710.00
COLORLIGHT SIGNAL, CLS-20, 2 POS	1. EACH @	685.00	685.00
PRE-WIRED ALUM HOUSE, 8X8'	1. EACH @	16900.00	16900.00
WIRE, 2c/6, T10456	600. FEET @	0.40	240.00
CABLE, 3c/6, T10458	100. FEET @	1.92	192.00
CABLE, 5c/6, T10460	300. FEET @	1.32	396.00
CABLE, 7c/6, 9c/14, T12481	300. FEET @	2.77	831.00
5 MAN GANG	12. DAY @	1100.00	13200.00
PRELIMINARY ENGINEERING	1. L.S. @	7500.00	7500.00
CONSTRUCTION ENGINEERING	1. L.S. @	275.00	275.00

SUMMARY

MATERIAL	79163.00 *
HANDLING 0.0610	4828.94
CROSSING SYSTEM HANDLING	3000.00
CROSSING SYSTEM WIRING	6000.00
LABOR	13200.00 *
ENGINEERING	7775.00
ACCOUNTING	300.00
COMPOSITE ADD.-DIRECT LABOR 1.0706	14131.92
COMPOSITE ADD.-ENG 1.0088 -ACCT 1.0706	8164.60
SUBSISTENCE	3000.00
RENTAL OF EQUIPMENT	2400.00
CONTINGENCIES	14196.54

TOTAL COST	156160.00